

A B S T R A C T

The invention seeks to solve the problem of providing sound insulation in tubular parts regardless of the section shape of the part that is to be insulated, and without using an insert that is of high cost. To this end, the invention proposes using a piece of material that is suitable for expanding over the entire section of the section, which piece is mounted using a support suitable for fixing to the wall of the tube that is to be insulated. In a particular embodiment, a sound insulation assembly mounted in a part presenting a longitudinal direction and a tubular wall comprises a wafer that is thermally expandable to form a foam, said wafer having two parallel main faces and extending essentially along a main plane from a first wall portion towards the diametrically opposite wall portion, together with a wafer support comprising a clamp for retaining the wafer prior to expansion and coupled to fixing means in the form of a clip for fixing to the first wall portion of the part.